Operator Overloading Exercises

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Operator Overloading

- Explain what is meant by operator overloading

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Function call operator

- Briefly describe the function call operator

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Function call operator example

- Write a class with a function call operator
  - The function call operator takes one argument, of type int
  - The function call operator returns bool
  - The return value is true if the argument is an exact multiple of 2, otherwise false
- Write a program to test your class

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Functors with state

- What does it mean for a functor to have state?
- Give an example where this could be useful

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